

Converting Colors

Hex(0F789F)

Have a look what the booklet for
Hex(0F789F) contains.

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Color

Hex(0F789F)

Conversions

Conversions Part 1

Format	Color
Hex	0F789F
RGB	15, 120, 159
RGB Percent	6%, 47%, 62%
CMY	0.9412, 0.5294, 0.3765
CMYK	0.91, 0.25, 0.00, 0.38
HSL	196°, 83%, 34%
HSV	196°, 91%, 62%
XYZ	13.1715, 16.0377, 35.2023
YIQ	93.0510, -75.0990, -10.1310

Conversions

Conversions Part 2

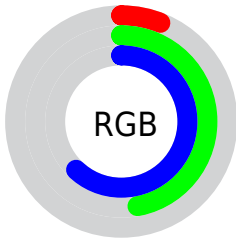
Format	Color
RYB	15, 76, 159
Decimal	1013919
CIELab	47.02, -12.91, -28.61
CIELCh	47, 31.384, 245.707
Yxy	16.0377, 0.2045, 0.2490
Android (android.graphics.Color)	4279203999 (0xFF0F789F)
YUV	93.0510, 32.5129, -68.4507
Hunter-Lab	40.0471, -11.3738, -24.0842

Details

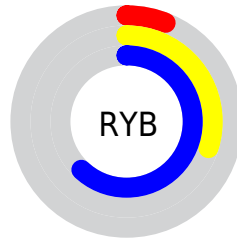
The Hex color **0F789F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F360F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BACD6**, and **00486B** is the 20% darker color. If you saturate the color by 10%, you get **00749F**, and if you desaturate by 10%, it is **1F7C9F**.

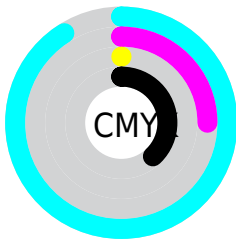
Distribution



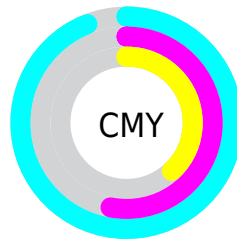
- Red (6%)
- Green (47%)
- Blue (62%)



- Red (6%)
- Yellow (30%)
- Blue (62%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F789F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0F789F by changing the saturation by 10% instead.

0F789F

0F789F

FFFFFF

005F85

5BACD6

00486B

78C8F2

003153

96E4FF

001D3C

B3FFFF

000226

D0FFFF

00010F

EEFFFF

000000

0F789F

0F789F

00749F

1F7C9F

 2F819F

 3F859F

 4F899F

 5F8E9F

 6E929F

 7E969F

 8E9A9F

 9E9F9F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007C8D



0F789F



4F70A4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F789F



A15A6B



5F7743

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0F789F



9F360F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7B703A



0F789F



A05E52

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0F789F



955E86



926640



3E7C59

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0F789F



6C6A9F



926640



69753F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0F789F



97BFCF



0F9F35



475F69



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0F789F



0097CF



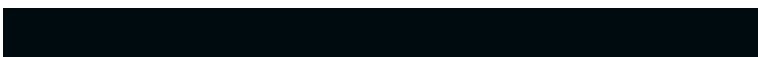
0F319F



474D4F



00688F



000B0F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9F0F78



CF0097



9F7D0F



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color 0F789F looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0F789F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

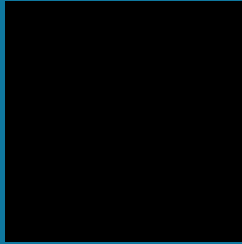
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0F789F Background



This preview shows how black text looks on a background with the Hex color 0F789F.

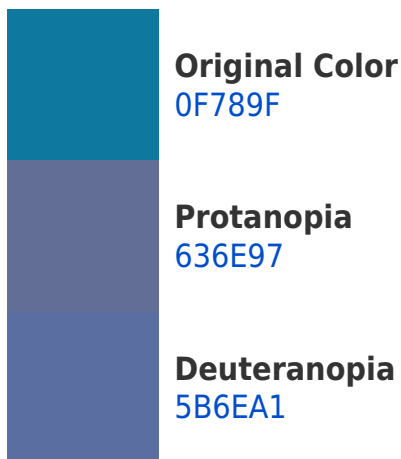


This preview shows how white text looks on a background with the Hex color 0F789F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

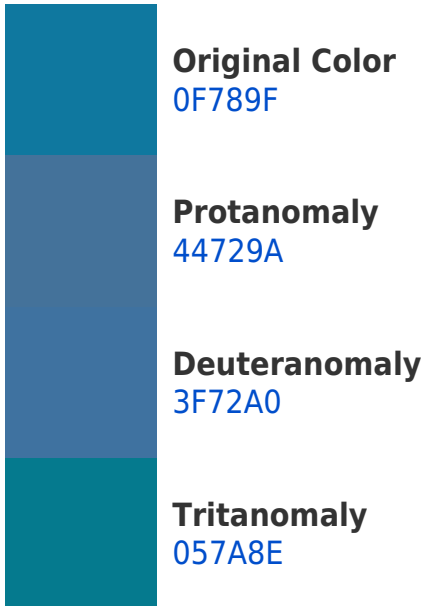
Dichromacy



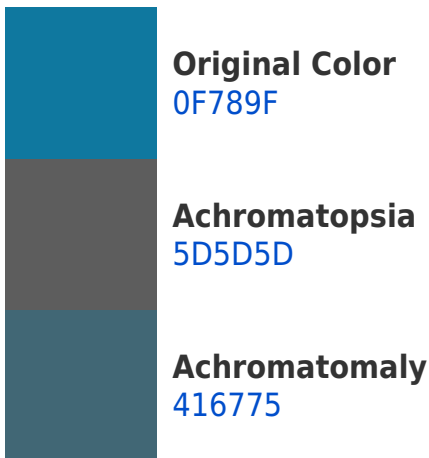


Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F789F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0F789F looks like.

```
.text, #text, p{  
    color:#0F789F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0F789F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F789F
}
```

Border

The CSS property to change the border of an element to Hex 0F789F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F789F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0F789F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0F789F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F789F; -webkit-box-shadow:4px 4px  
4px 4px #0F789F; box-shadow:4px 4px 4px  
4px #0F789F }
```

Background

The CSS property to change the background color of an element to Hex 0F789F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F789F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0F789F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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